

## IMAX Private Theatre Platinum™

IMAX Private Theatre Platinum™ draws on IMAX's legacy of excellence and groundbreaking technologies in delivering the highest audio and visual standards to create the ultimate immersive entertainment solution for private spaces. It brings the same philosophy used in the world's leading IMAX® movie theatres to your home, for the optimum delivery of the best entertainment experiences across the media spectrum.

- Dual 4K 2D/3D laser projectors
  - Advanced image super enhancer
  - Immersive IMAX® curved screen and movable frame
  - Proprietary IMAX® sound system
  - Quality equalizer and power amplifier
  - HD multi-media content server and player (supporting HD television, Blu-ray™, DVD, CD, gaming and karaoke)
  - Touch-screen control pad with dedicated control system
  - x3 pairs of professional 3D glasses
- \* Space Requirement: ~80 ~180 sq.m



### Contact us:

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## IMAX Private Theatre Platinum™ System Specification

Video System	Projection system	Dual projectors
	Projector alignment	Automatic calibration
	Display resolution	4096 x 2160 (Native 4K)
	End to End 4K support	Yes
	2D brightness <sup>1</sup>	30fl-L
	3D brightness <sup>1</sup>	10fl-L per eye
	3D mode	Passive
	3D format	L/R separation, Frame packing, SBS, Top and Bottom
	3D/2D switch	Automatic 2D / 3D input detection and 3D filter on/off
	Native contrast (ON/OFF)	≥4000:1
	Throw ratio	1.35 - 2.30
	Lamp life <sup>2</sup>	1500hrs - 3000hrs
	Pixel depth	12bit
	Constant brightness	Yes
	Playback (JPEG2000)	4K 2D:24P 2K 2D: 24/30/48/60P 2K 3D:24/30/48/60P
	Color gamut	DCI P3, Rec.709
	4K scaler	Yes
	I/P (Interlaced/Progressive) conversion	Yes
	Physical Blu-ray™ disc support	Yes
	Streaming video support	Yes
DCI support	Yes	

Note: 1. Brightness levels for individual products are determined by reference to the IMAX Private Theatre™ design guidelines.

2. Lamp Life is determined by screen size.

Screen	Screen aspect ratio	1.896:1
	Screen material	Silver, Micro-perforated screen
	Maximum screen size	430 inches diagonal (9.5m x 5m)
Audio System	HDMI input	8 ways
	Dolby Digital Plus / Dolby TrueHD / Dolby Surround / Dolby Atmos	Supported
	DTS ES / DTS 96 / 24 / DTS-HD Master / DTS X	Supported (only Blu-ray)
	PCM multi-channel	Supported
	HDCP2.2 compatibilities	Yes
	Preamplifier analog output type	XLR (Balance)
	Power amplifier output (front channel / per channel)	700W*3+300W
	Power amplifier output (surround channel / per channel)	350W
	Front channel loudspeaker response	40Hz – 20kHz (-3dB)
	Front channel loudspeaker sensitivity	95dB (1m/1W)
	Front channel loudspeaker dispersion pattern	80°Horizontal, 35°Vertical (1.5kHz/-6dB)
	Front channel loudspeaker MAX SPL (1m)	128dB continuous, 132dB peak
	Surround channel loudspeaker response	80Hz – 20kHz (-3dB)
	Surround channel loudspeaker sensitivity	92dB (1m/1W)
	Surround channel loudspeaker dispersion pattern	80°Horizontal, 50°Vertical (1.5kHz/-6dB)
Surround channel loudspeaker MAX SPL (1m)	116dB continuous, 122dB peak	
Subwoofer response	18Hz (-3dB)	
Subwoofer sensitivity	102dB (1m/1W)	
Subwoofer MAX SPL (1m 50Hz)	133dB continuous, 139dB peak	
Control System	Control PC	Industrial grade central control computer
	Control system	IMAX Private Theatre proprietary control system
	Controller	Android Tablet
	UI language	English
Remote Monitoring and Support	System status remote monitoring (24H/7D)	Yes, working status monitoring of all the key equipment, including projector, speakers, central control server, etc.
	Auto failure report	Yes
	Remote diagnosis	Yes
	SADA (speaker work status auto detect)	Yes
	Temperature & humidity monitoring	Yes
Power System	PDU	Included
	UPS	Included
	Power of the full system	12000VA
Equipment Size	Projectors (WxHxD)	546mm * 633mm * 1118mm each
	L/R/Cspeakers	980mm * 480mm * 279mm each
	Surround speakers	409mm * 470mm * 201mm each
	Subwoofers	671mm * 1049mm * 300mm each

### Recommended Room Size:

Room Size Range (Outer Shell)	80 - 180 sq.m
Room Ceiling Height	4 – 6 meters
Screen Size	260 – 480 inches
Seating Capacity	20 – 60 standard IMAX Private Theatre seats

